

Abstract

There is disclosed a process for producing 1-hexene, which comprises trimerizing ethylene in the presence of a catalyst comprising a tantalum compound and an alkylating agent containing
5 a metal under a condition wherein the water content in the reaction system is 4 moles or less per mole of the tantalum atom, and/or under a condition wherein the amount of molecular oxygen in the reaction system is 2 moles or less per mole of the tantalum atom.